
REMARKS

By this amendment, Applicant has canceled claims 1-15 and 19-24. Applicant has amended claims 26, 27, 29, and 30 in response to the Office Action's indication of informalities, while maintaining that the claims were clear in unamended form. Applicant has amended claims 25-30 to recite them in independent form so as to be allowable as indicated in the Office Action, has amended claims 16-18 to depend from claim 25, and has amended claims 20-21 to depend from claim 28. New claims 31-40 depend from allowable claims 26, 27, 29, or 30, do not add new subject matter or require new search, and are also believed allowable. This amendment cancels 21 claims, and adds 10 new claims. Claims 16-18 and 25-40 remain for consideration in the application.

Claim Objections

Claims 15, 19, 26-27 and 29-30 were objected to due to the following alleged informalities: all instances of "edge" or "edges" should read "signal edge" or "signal edges" for clarity. Applicant has canceled claims 15 and 19 and amended claims 26-27 and 29-30 to address the Examiner's objection. Accordingly, Applicant respectfully requests reconsideration and withdrawal of the objection.

Rejections Under 35 U.S.C. § 112

Claims 1, 6, 9 and 13 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Those claims have been canceled.

Rejections Under 35 U.S.C. § 102

Claims 1, 3, 5, 9, 11-12 and 15-17 were rejected under 35 U.S.C. § 102 (b) as being anticipated by Churchill et al. (U.S. Patent 5,936,977). Those claims have been canceled..

Rejections Under 35 U.S.C. § 103

Claims 2, 4, 10 and 18-24 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Churchill et al. in view of Bishop et al. (U.S. Patent 6,219,813).

Claims 2, 4, and 10 have been canceled. Claims 18 and 20-21 have been amended to depend from claims indicated to be allowable. Claim 19 has been canceled.

Claims 6-8 and 13-14 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Churchill et al. in view of Bishop et al. and in further view of Hunter, et al. (U.S. Patent 6,067,648). Those claims have been canceled.

Allowable Subject Matter

The Examiner indicated Claims 25-30 were allowable if rewritten to include all of the limitations of the base claim and any intervening claims. Applicant has amended the claims as suggested. Accordingly, Applicant respectfully requests reconsideration and withdrawal of the objection, and allowance of claims 25-30. Further, claims 16-18 and 20-21, as well as new claims 31-40, depend from one of allowable claims 25-30 and are also believed allowable.

CONCLUSION

Applicant believes that all of the remaining claims in the application are facially in condition for allowance. The amendment has clearly placed the application in condition for allowance. All rejected claims have either been canceled or amended to depend from claims indicated as allowable. Applicant therefore respectfully submits that the claims are in condition for allowance and respectfully request a withdrawal of the Final Rejection and a Notice of Allowance be issued in this case. If the Examiner has any questions regarding this application, please contact the under-signed at (612) 312-2200. No new matter has been added and no additional fee is required by this amendment and response.

Respectfully submitted,

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